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EXTEND PRODUCTION OF CONTROL INSTRUMENTS AND HARD-ALLOY TOOLS

PRODUCE FIRST SOVIET CIRCULAR-DIVIDING MACHINE -- Leningradskaya Pravda, 1 Apr 51

During the past 2 years, the Leningrad Tool Plant has perfected many new types of products. The production of micrometers, minimeters, and special instruments for the ball-bearing industry has grown. The production of checking and sorting automatics has been organized.

Three models of automatics for sorting tapered rollers for bearings have been designed and manufactured. Such an automatic can replace six or seven inspectors. Its capacity is 2,400 rollers per hour.

Automatics for checking cutting tools, drills, and dies, ordered by the Moscow Frezer Plant and /Sestroretsk/ Tool Plant imeni Voskov, have been manufactured on a mass scale.

The plant has perfected 19 types of multimeasuring, checking, and measuring instruments. An experimental model of a circular dividing machine for automatic graduation, ordered by the ball-bearing industry, has been manufactured for the first time in the Soviet Union.

BEGIN PRODUCTION OF TIME-CONTROL INSTRUMENTS -- Moscow, Vechernyaya Moskva, 23 May 51

The Moscow Low-Voltage Equipment Plant produces electrical instruments for controlling metal-cutting machine tools.

The Automatic Plant for machining pistons; automatic transfer machine lines; and complex lathes, milling, and grinding machines are equipped with such instruments.

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Recently, the plant set up production of so-called time relays. With the use of these relays, machine-tool motors operate only a specified length of time.

Many technological processes are being improved. A special aggregate for washing parts before painting is being equipped, and original multiple cavity molds are being developed.

BUILT SEVEN CONVEYER LINES DURING 1950 -- Moscow, Vechernyaya Moskva, 27 Mar 51

During 1950, seven new conveyer lines for the production of taps and inserted-tooth cutters (sbornyy instrument) were assembled and put into operation at the Moscow Frezer Plant imeni M. I. Kalinin.

Series production of a hard-alloy cutting tool was perfected. In comparison with 1949, the production of this tool increased more than 1½ times.

PUT OUT FIRST GROUP OF HARD-ALLOY DRILLS -- Moscow, Moskovskaya Pravda, 24 Mar 51

The first group of hard-alloy drills has been manufactured at the Moscow Frezer Plant. Students, in cooperation with Stakhanovites, have designed special devices for making metal-drilling operations automatic.

MAKE CUTTERS FROM BROKEN SAW DISKS -- Kiev, Pravda Ukrainy, 31 May 51

At the Tallin Machine-Building Plant, instead of throwing broken circular saws away, they are cut into pieces, and six to eight high-quality cutters are made from each blade. During the past 3 months, up to 300 such cutters have been made.

The plant can now produce many tools which it formerly had to obtain from other enterprises.

MASTER PRODUCTION OF NEW SAW -- Leningrad, Leningradskaya Pravda, 5 Apr 51

The Minsk Tool Plant imeni Chkalov has mastered the production of large-size circular saws.

FIRST TO PUT OUT NEEDLE FILES -- Kiev, Pravda Ukrainy, 27 Mar 51

During the first few years of its existence, the Voroshilovgrad Tool Plant imeni Rud' produced thousands of files per month; at present, its output is in the millions. Instead of two or three profiles and sizes of files, the plant now produces 80 different profiles and sizes of four types of cuts.

The output of files has doubled during the past 5 years. In 1950, production was 72.5 percent greater than in 1940. The Plant imeni Rud' was the first enterprise of the Ministry of Machine-Tool Building USSR to master the production of needle files, which are fine files for gauge work and tool manufacture.

BROACHING REPLACES MILLING OPERATIONS -- Moscow, Izvestiya, 7 Apr 51

Recently, a great deal of work has been done at the Novosibirsk Tool Plant on increasing production with existing equipment. A conveyer line has been built at the shops and the technology of production has been improved.

The perfecting of the process of knurling special threads has been particularly effective. Previously, six machine tools and 12 men were required for this operation. Now, one man can perform this work on one machine tool.

The old method of milling parts has been replaced by external broaching. Four broaching machines can now do the work of 30 milling machines. In addition, 40 workers have been freed.

NO SIMPLE-TOOL ENTERPRISE IN LATVIA -- Riga, Sovetskaya Latviya, 26 May 51

Enterprises of Latvian SSR have perfected many complex items during the Five-Year Plan. However, simple tools such as chisels, screw drivers, etc., have not been manufactured anywhere in Latvia. The republic does not have a single enterprise for manufacturing such items as shoemakers' knives, awls, and hammers. All these tools have to be obtained from other republics.

TO CONVERT TO CONVEYER METHODS -- Tashkent, Pravda Vostoka, 21 Apr 51

The Tashkent Tool Plant is preparing to convert to conveyer methods of production.

RESTORE WAR-DAMAGED PLANT -- Leningradskaya Pravda, 20 Apr 51

The /Sestroretsk/ Tool Plant imeni Voskov was severely damaged during World War II. However, in the course of the postwar Five-Year Plan, it has been fully restored and the prewar level of production has been surpassed.

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